UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

### NOTICE OF ALLOWANCE AND FEE(S) DUE

7590 06/20/2008

W. R. Duke Taylor Harness, Dickey & Pierce, P.L.C P.O. Box 828 Bloomfield Hills, MI 48303 EXAMINER

FREAY, CHARLES GRANT

ART UNIT PAPER NUMBER

3746

DATE MAILED: 06/20/2008

| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|----------------------|---------------------|------------------|
| 10/038,062      | 01/04/2002  | Stephen A. Milks     | 8416-000008         | 5754             |

TITLE OF INVENTION: AIR CIRCULATION DEVICE

| APPLN. TYPE    | SMALL ENTITY | ISSUE FEE DUE | PUBLICATION FEE DUE | PREV. PAID ISSUE FEE | TOTAL FEE(S) DUE | DATE DUE   |
|----------------|--------------|---------------|---------------------|----------------------|------------------|------------|
| nonprovisional | YES          | \$720         | \$300               | \$0                  | \$1020           | 09/22/2008 |

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

#### HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

#### PART B - FEE(S) TRANSMITTAL

#### Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE

Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

or <u>Fax</u> (571)-273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where m

| appropriate. All further indicated unless correct maintenance fee notification.                        | ed below or directed of  | ng the Patent, advance of<br>herwise in Block 1, by (  | orders and notification of<br>(a) specifying a new corn   | maintenance fees<br>respondence address  | will be<br>s; and/or                      | mailed to the current of (b) indicating a separ   | correspondence address as<br>rate "FEE ADDRESS" for   |
|--|--|--|---|--|---|---|---|
|  | ENCE ADDRESS (Note: Use B  | Fe<br>pa   | Note: A certificate of mailing can only be used for domestic mailings of Fee(s) Transmittal. This certificate cannot be used for any other accompany papers. Each additional paper, such as an assignment or formal drawing, mave its own certificate of mailing or transmission. |  |   |   |   |
| P.O. Box 828   | aylor  | )/2008   | I l<br>St<br>ad<br>tra  | nereby certify that the<br>ates Postal Service<br>dressed to the Ma  | his Fee(<br>with suf<br>il Stop           | of Mailing or Transn<br>s) Transmittal is being<br>ficient postage for first<br>ISSUE FEE address<br>1) 273-2885, on the da | deposited with the United<br>class mail in an envelope<br>above, or being facsimile   |
| Bloomfield Hill  | s, MI 48303  |  | Γ   |  |   |   | (Depositor's name)  |
|  |  |  |   |  |   |   | (Signature)   |
|  |  |  | L   |  |   |   | (Date)  |
| APPLICATION NO.  | FILING DATE  |  | FIRST NAMED INVENTO   | )R   | ATTO                                      | RNEY DOCKET NO.   | CONFIRMATION NO.  |
| 10/038,062<br>TITLE OF INVENTION   | 01/04/2002<br>I: AIR CIRCULATION   | DEVICE   | Stephen A. Milks  |  |   | 8416-000008   | 5754  |
| APPLN. TYPE  | SMALL ENTITY   | ISSUE FEE DUE  | PUBLICATION FEE DUI   | E PREV. PAID ISSU  | JE FEE                                    | TOTAL FEE(S) DUE  | DATE DUE  |
| nonprovisional   | YES  | \$720  | \$300   | \$0  |   | \$1020  | 09/22/2008  |
| EXAM   | MINER  | ART UNIT   | CLASS-SUBCLASS  | ٦  |   |   |   |
| FREAY, CHA   | RLES GRANT   | 3746   | 417-423100  | _  |   |   |   |
| "Fee Address" ind<br>PTO/SB/47; Rev 03-(<br>Number is required.  3. ASSIGNEE NAME A<br>PLEASE NOTE: Un | ND RESIDENCE DATA  less an assignee is ident th in 37 CFR 3.11. Com  | " Indication form<br>ned. Use of a Customer<br>A TO BE PRINTED ON<br>tified below, no assignee   | 2. For printing on the (1) the names of up or agents OR, alterna (2) the name of a sin registered attorney o 2 registered patent at listed, no name will t THE PATENT (print or t data will appear on the DT a substitute for filing a (B) RESIDENCE: (CIT                        | to 3 registered pate tively, gle firm (having as r agent) and the nar torneys or agents. If perinted.  ype) patent. If an assign assignment. | nt attorn<br>a memb<br>nes of u<br>no nam | er a 2<br>p to<br>lee is 3<br>lentified below, the do   | cument has been filed for   |
| Please check the appropri  | riate assignee category or   | r categories (will not be p  | rinted on the patent):  | ☐ Individual ☐ C   | Corporati                                 | on or other private gro   | up entity 🚨 Government  |
|  | are submitted:  No small entity discount   # of Copies   | 4b. Payment of Fee(s): (Please first reapply any previously paid issue fee shown above)  ☐ A check is enclosed. ☐ Payment by credit card. Form PTO-2038 is attached. ☐ The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number (enclose an extra copy of this form). |   |  |   |   |   |
| 5. Change in Entity Sta  | itus (from status indicate<br>as SMALL ENTITY stat   |  | ☐ b. Applicant is no lo   | angor alaiming SMA   | II DNY                                    | FITY status, See 27 CE  | P. 1. 27(a)(2)  |
| NOTE: The Issue Fee an   | nd Publication Fee (if req   |  | ed from anyone other than   | -  |   |   | e assignee or other party in  |
| Authorized Signature   | :  |  |   | Date   |   |   |   |
| · ·  |  |  |   |  |   |   |   |
| This collection of inform  | nation is required by 37 (<br>tiality is governed by 35<br>d application form to the<br>ions for reducing this bu<br>/irginia 22313-1450. DO | TED 1 311. The informati   | on is required to obtain o  | r ratain a banafit by  | the pub                                   | ic which is to file (and  | by the USPTO to process) g gathering, preparing, and le you require to complete ttment of Commerce, P.O. or Patents, P.O. Box 1450, |

PTOL-85 (Rev. 08/07) Approved for use through 08/31/2010.

OMB 0651-0033

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450

P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

| APPLICATION NO.                     | FILING DATE    | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO.            | CONFIRMATION NO. |  |
|-------------------------------------|----------------|----------------------|--------------------------------|------------------|--|
| 10/038,062                          | 01/04/2002     | Stephen A. Milks     | 8416-000008                    | 5754             |  |
| 75                                  | 590 06/20/2008 |                      | EXAM                           | INER             |  |
| W. R. Duke Taylor                   |                |                      | FREAY, CHARLES GRANT           |                  |  |
| Harness, Dickey & Pierce, P.L.C     |                |                      | ART UNIT                       | PAPER NUMBER     |  |
| P.O. Box 828<br>Bloomfield Hills, I | MI 48303       |                      | 3746<br>DATE MAILED: 06/20/200 | 8                |  |

## **Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)**

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 160 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 160 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

| Ap  | plication No.  | Applicant(s)  |       |  |
|---|--|---|-------|--|
| 10.   | /038,062   | MILKS, STEPHEN A.   |       |  |
|   | aminer   | Art Unit  |       |  |
| Ch  | arles G. Freay   | 3746  |       |  |
| The MAILING DATE of this communication appears All claims being allowable, PROSECUTION ON THE MERITS IS (OR herewith (or previously mailed), a Notice of Allowance (PTOL-85) or o NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHT of the Office or upon petition by the applicant. See 37 CFR 1.313 and | REMAINS) CLOSED in<br>ther appropriate commu<br><b>rs</b> . This application is so | this application. If not included nication will be mailed in due course |       |  |
| 1. $\boxtimes$ This communication is responsive to <u>the telephone interview or</u>  | f June 13, 2008.   |   |       |  |
| 2. ☑ The allowed claim(s) is/are <u>1,7-11 and 13-17</u> .  |  |   |       |  |
| <ul> <li>3.  Acknowledgment is made of a claim for foreign priority under</li> <li>a)  All b)  Some* c)  None of the:</li> <li>1.  Certified copies of the priority documents have been something.</li> </ul>   | en received.   |   |       |  |
| 2. Certified copies of the priority documents have been   | • • •  |   |       |  |
| 3. Copies of the certified copies of the priority documents   | ents have been received  | in this national stage application fro                                  | m the |  |
| International Bureau (PCT Rule 17.2(a)).  |  |   |       |  |
| * Certified copies not received:  |  |   |       |  |
| Applicant has THREE MONTHS FROM THE "MAILING DATE" of the noted below. Failure to timely comply will result in ABANDONMENTHIS THREE-MONTH PERIOD IS NOT EXTENDABLE.   |  | a reply complying with the requirement                                  | ents  |  |
| 4. A SUBSTITUTE OATH OR DECLARATION must be submitted INFORMAL PATENT APPLICATION (PTO-152) which gives re  |  |   | OF    |  |
| 5. CORRECTED DRAWINGS ( as "replacement sheets") must be  | submitted.   |   |       |  |
| (a) ☐ including changes required by the Notice of Draftsperson's  |  | ( PTO-948) attached   |       |  |
| 1) ☐ hereto or 2) ☐ to Paper No./Mail Date  |  |   |       |  |
| (b) ☐ including changes required by the attached Examiner's Am<br>Paper No./Mail Date   | nendment / Comment or  | in the Office action of   |       |  |
| Identifying indicia such as the application number (see 37 CFR 1.84(c   |  |   | of    |  |
| 6. DEPOSIT OF and/or INFORMATION about the deposit of attached Examiner's comment regarding REQUIREMENT FOR   |  |   | е     |  |
|   |  |   |       |  |
| Attachment(s)   | 5 Date of he   | anne I Defeat Anni a tion   |       |  |
| 1. Notice of References Cited (PTO-892)   |  | ormal Patent Application  |       |  |
| <ol> <li>Notice of Draftperson's Patent Drawing Review (PTO-948)</li> <li>Information Disclosure Statements (PTO/SB/08),</li> </ol>   | Paper No./N  | mmary (PTO-413),<br>Mail Date <u>20080614</u> .<br>Amendment/Comment    |       |  |
| Paper No./Mail Date  4.  Examiner's Comment Regarding Requirement for Deposit   | _  | Statement of Reasons for Allowance                                      |       |  |
|   | o. L. Laminer S  | Statement of Reasons for Allowance                                      |       |  |
| of Biological Material  | 9. 🔲 Other   |   |       |  |